

What is Claimed is:

1           1.     A bone graft needle for delivery of bone graft material to a bone  
2     defect area in a patient's body comprising  
3           an elongate tubular delivery member having an open distal end for  
4     positioning at the bone defect area via a minimally invasive portal providing  
5     access to the bone defect area from externally of the patient's body and having  
6     an open proximal end for being supplied with bone graft material from externally  
7     of the patient's body, said open distal end being aligned with a central  
8     longitudinal axis of said delivery member for discharge of the bone graft material  
9     therefrom in an axial direction at the bone defect area, said delivery member  
10    comprising at least one radial port spaced proximally from said open distal end  
11    for discharge of the bone graft material therefrom in a radial direction at the bone  
12    defect area.

1           2.     A method of delivering a bone graft material to a bone defect area  
2     in a patient's body comprising the steps of  
3           introducing an open distal end of a bone graft needle at a bone defect  
4     area in the patient's body through a minimally invasive portal with the bone graft  
5     needle extending externally of the patient's body;  
6           supplying bone graft material to a passage through the bone graft needle  
7     communicating with the open distal end and with a radial port of the bone graft  
8     needle;

9           pressurizing the bone graft material within the passage; is charging the  
10 bone graft material from the passage to the bone defect area in an axial direction  
11 through the open distal end and in a radial direction through the radial port; and  
12           withdrawing the bone graft needle from the patient's body through the  
13 portal.

14

15